Arnab Dhar

(+91) 9163279081

arnabdhar32@gmail.com

EXPERIENCE

Pitangent Analytics & Technology Solutions Kolkata
Data Scientist *Jun, 2023 - Present*

- R&D on AI automation pipelines with tools like N8N and Langflow

- Trained NLP and generative models like BERT, Llama, and Mistral on AWS Sagemaker for sentiment analysis, chatbots, and RAG applications.

- Deployed chatbots using OpenAI, Anthropic, and Amazon Bedrock with LLM monitoring via LangSmith, OpenTelemetry, and Grafana.

- Conducted R&D for clients on image generation, LLM quantization, and resource-efficient LLM training.

ViTWO Kolkata
Associate Data Scientist *Nov, 2021 - Jun, 2023*

- Developed ETL pipelines in Azure Data Factory to connect MySQL and MongoDB with backend applications and PowerBI.

- Trained and deployed computer vision and document extraction models, including YOLOv8, TrOCR, and LayoutLM.

PROJECTS

HR Chatbot *LangChain, Huggingface, Docker*
Simplified Communications with HRD *2023-2024*

- Trained Llama2 model to answer common HR related queries for both Employees and HR people.

- Integrated OpenAI's function calling for advanced tasks like leave requests and reimbursements.

vitwo.ai *Python, Azure, PyTorch*
ERP driven by AI *2021 - 2023*

- Product Page: https://vitwo.ai

- Developed seamless ETL pipelines on Azure Datafactory improving efficiency of development cycles.

- Developed a document extraction system to automate data extraction from sales invoices, credit notes, and purchase bills.

SKILLS

- </> Python
- </> Pytorch
- </> AutoML
- </> LangChain
- </> LangGraph
- </> N8N
- </> LangFlow
- </> Docker
- </> AWS
- </> Azure

EDUCATION

Banaras Hindu University
M. Sc. Statistics 2020

University of Calcutta
B. Sc. (Hons) Statistics 2018

PUBLIC LINKS

- /arnab-dhar
- /arnabd64
- Huggingface